

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	328	502/232.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:10
S2	756	502/232,258,259,260.ccls. and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:17
S3	8	502/232,258,259,260.ccls. and catalyst and impurity and spherical same silica	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:18
S4	1	10/552234.app.	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:26
S5	1009	502/60.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:26
S6	10	502/60.ccls. and catalyst and impurity and spherical same silica	US-PGPUB; USPAT	ADJ	ON	2007/11/13 15:26
S7	22	502/60.ccls. and catalyst and spherical same silica and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:11
S8	69	502/60,232,258,259,260.ccls. and catalyst and spherical same silica and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:12
S9	2	502/60,232,258,259,260.ccls. and catalyst and spherical same silica and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh) and ((fractured or pulverized or fracture) same ratio)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:17
S10	2	502/60,232,258,259,260.ccls. and catalyst and spherical same (si or sio2 or "sio.sub.2" or silica) and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh) and ((fractured or pulverized or fracture) same ratio)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:18
S11	1	502/60,232,258,259,260.ccls. and catalyst and spherical same (si or sio2 or "sio.sub.2" or silica) and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh) and ((fractured or pulverized or fracture) same ratio and ultrasonic)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:19
S12	42	catalyst and spherical same (si or sio2 or "sio.sub.2" or silica) and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh) and ((fractured or pulverized or fracture) same ratio and ultrasonic)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:19

S13	2	catalyst and spherical same (si or sio2 or "sio.sub.2" or silica) and (iron or fe or cobalt or co or nickel or ni or ruthenium or rh) and ((fractured or pulverized or fracture) same ratio same ultrasonic)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:22
S14	0	502/60,232,258,259,260.ccls. and alkali near content near support	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:32
S15	6	502/60,232,258,259,260.ccls. and (alkali near support)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:32
S18	130	catalyst and (alkali same support same (impurity or impurities))	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:36
S19	99	catalyst and (alkali same support same (impurity or impurities)) and silica	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:36
S20	7	502/60,232,258,259,260.ccls. and high purity silica and (alkali or alkali metal or alkaline earth)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:43
S21	9	502/60,232,258,259,260.ccls. and high purity silica and (alkali or alkali metal or alkaline earth or sodium or Na)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:43
S22	8656	(fischer-tropsch synthesis or fischer tropsch)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:47
S23	3367	(fischer-tropsch synthesis or fischer tropsch) and catalyst and silica and (impurity same alkali or alkaline or sodium or na or iron or fe)	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:47
S24	141	(fischer-tropsch synthesis or fischer tropsch) and catalyst and silica and (impurity same alkali or alkaline or sodium or na or iron or fe) and (cobalt or co or nickel or ni or ruthenium or rh) and (spherical near silica or sio2 or "sio.sub.2") and surface area and pore diameter and pore volume	US-PGPUB; USPAT	ADJ	ON	2007/11/13 16:48
S25	4	(4960801 4992406 5128377 5283216).pn.	US-PGPUB; USPAT	ADJ	ON	2007/11/14 08:41
S26	15	minderhoud.in.	US-PGPUB; USPAT	ADJ	ON	2007/11/14 08:48
S27	1	(fischer-tropsch synthesis or fischer tropsch) and catalyst and silica and (impurity near2 (alkali or alkaline or sodium or na or iron or fe)) and (cobalt or co or nickel or ni or ruthenium or rh) and ((spherical or colloidal) near silica or sio2 or "sio.sub.2") and surface area and pore diameter and pore volume	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:48
S28	5	(high purity or low impurity) same silica and catalyst and syngas and cobalt	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:52

S34	2	((impurity near "ppm") same silica) and catalyst and cobalt	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:55
S35	1212	((impurity or impurities near "ppm") same silica) and catalyst and cobalt	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:56
S36	46	((impurity or impurities near "ppm") same silica) and catalyst and cobalt and syngas	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:57
S37	266	((impurity or impurities near "ppm") same silica or sio2 or "sio.sub.2") and catalyst and cobalt and syngas and pore	US-PGPUB; USPAT	ADJ	ON	2007/11/14 13:59
S38	278	((impurity or impurities near "ppm") same alkali or alkaline same silica or sio2 or "sio.sub.2") and catalyst and cobalt and syngas and pore	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:00
S39	42	((impurity or impurities near "ppm") same alkali or alkaline same silica or sio2 or "sio.sub.2") and catalyst and cobalt and syngas and pore and spherical	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:00
S40	1	((impurity or impurities near "ppm") same (alkali or alkaline) same (silica or sio2 or "sio.sub.2")) and catalyst and cobalt and syngas and pore and spherical	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:05
S41	10	((impurity or impurities near "ppm") same (alkali or alkaline) same (silica or sio2 or "sio.sub.2")) and catalyst and cobalt and syngas and pore	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:05
S48	5	EP "428223"	DERWENT	ADJ	ON	2007/11/14 14:46
S49	1	"5217938" .pn.	DERWENT	ADJ	ON	2007/11/14 14:47
S50	4673	fractured or pulverized near ratio same ultrasonic wave and catalyst and syngas	DERWENT	ADJ	ON	2007/11/14 14:50
S59	511	(fractured or pulverized or fracture or broken) same ratio and ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:52
S60	1	(fractured or pulverized or fracture or broken) near ratio same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:52
S61	3	(fractured or pulverized or fracture or broken) near ratio and ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:52
S62	368	(fractured or pulverized or fracture or broken) same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:53

S63	187	(fractured or pulverized or fracture or broken) same ultrasonic and catalyst and silica	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:53
S64	3	(fractured or pulverized or fracture or broken) same ultrasonic and catalyst and syngas	US-PGPUB; USPAT	ADJ	ON	2007/11/14 14:53
S66	33	(fractured or pulverized or fracture or broken) same ultrasonic same (ratio or percentage or "%") and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 15:02
S70	1	(fracture ratio or pulverized ratio) same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 15:05
S71	0	(fracture near percentage) same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 15:06
S72	0	(fracture near "%") same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/14 15:06
S73	7	(na or sodium) near (concentration or content) near ppm same (silica or sio2 or "sio.sub.2") and catalyst and (syngas or hydrocarbon)	US-PGPUB; USPAT	ADJ	ON	2007/11/14 15:44
S75	49	(fractured or pulverized or fracture or broken) same ultrasonic same (particle near (size or distribution)) and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/15 11:16
S76	6	(fractured or pulverized or fracture or broken) same ultrasonic same (particle near (size or distribution)) and catalyst and xerogel	US-PGPUB; USPAT	ADJ	ON	2007/11/15 11:16
S77	2	(4849390 5604170).pn.	US-PGPUB; USPAT	ADJ	ON	2007/11/15 11:19
S79	84	(cobalt near (alkali or alkaline)) and silica and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/15 11:58
S80	2	(cobalt near (alkali or alkaline)) and silica and catalyst and syngas	US-PGPUB; USPAT	ADJ	ON	2007/11/15 11:58
S81	3	(cobalt near (alkali or alkaline or na or sodium or k or potassium)) and silica and catalyst and syngas	US-PGPUB; USPAT	ADJ	ON	2007/11/15 14:50
S82	221	(cobalt near (alkali or alkaline or na or sodium or k or potassium)) and silica and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/15 14:51
S83	85	(cobalt near (alkali or alkaline or na or sodium or k or potassium)) and silica and catalyst and precursor	US-PGPUB; USPAT	ADJ	ON	2007/11/15 14:51
S84	875	((co or cobalt) and (sodium or na or potassium or k or magnesium or mg) and catalyst).ab.	US-PGPUB; USPAT	ADJ	ON	2007/11/15 15:10
S85	71	((co or cobalt) and (sodium or na or potassium or k or magnesium or mg) and catalyst and silica).ab.	US-PGPUB; USPAT	ADJ	ON	2007/11/15 15:10

S86	22	("2644829"   "2662090"   "2686195"   "2735862"   "2850515"   "4154751").PN. OR ("4544674").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 15:19
S87	188	(fractured or pulverized or fracture or broken) same ultrasonic same (particle near (size or distribution))	US-PGPUB; USPAT	ADJ	ON	2007/11/15 16:01
S88	30	(fractured or pulverized or fracture or broken) same ultrasonic same (particle near (size or distribution)) and silica and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/15 16:02
S91	8	(xerogel) same ultrasonic and catalyst	US-PGPUB; USPAT	ADJ	ON	2007/11/15 16:27

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